



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Wells et al.

**Serial No.:** 10/099,873

**Filed:** March 15, 2002

**For:** CORE BIT HAVING FEATURES  
FOR CONTROLLING FLOW SPLIT

**Confirmation No.:** 4455

**Examiner:** J. Gay

**Group Art Unit:** 3672

**Attorney Docket No.:** 1684-4189US  
(484-15631-US)

**CERTIFICATE OF MAILING**

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March 18, 2004  
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Trent N. Butcher  
Name (Type/Print)

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**GROUP 3800**

**AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
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Sir:

The following amendments and remarks are filed in response to the Examiner's remarks in the Office Action mailed December 19, 2003, the three-month shortened statutory period for response to which expires on March 19, 2004.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 11 of this paper.

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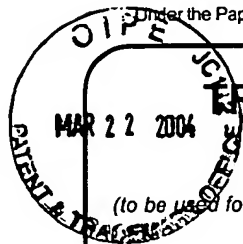
PTO/SB/21 (08-00)

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Approved for use through 10/31/2002. OMB 0651-0031

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(to be used for all correspondence after initial filing)

Application Number	10/099,873
Filing Date	March 15, 2002
First Named Inventor	Wells et al.
Group Art Unit	3672
Examiner Name	J. Gay
Attorney Docket Number	1684-4189US (484-15631-US)

## ENCLOSURES (check all that apply)

- ☒ Postcard receipt acknowledgment (attached to the front of this transmittal)
- ☒ Duplicate copy of this transmittal sheet in the event that additional filing fees are required under 37 C.F.R. § 1.16
- ☐ Preliminary Amendment
- ☐ Response to Restriction Requirement/Election of Species Requirement dated
- ☒ Amendment in response to office action dated December 19, 2003
- ☐ Amendment under 37 C.F.R. § 1.116 in response to final office action dated
- ☐ Additional claims fee - Check No. in the amount of \$
- ☐ Letter to Chief Draftsman and copy of FIGS. with changes made in red
- ☐ Transmittal of Formal Drawings
- ☐ Formal Drawings ( sheets)

- ☐ Information Disclosure Statement, PTO/SB/08A (08-00); ☐ copy of cited references
- ☐ Supplemental Information Disclosure Statement; PTO/SB/08A (08-00); copy of cited references and Check No. in the amount of \$180.00
- ☐ Associate Power of Attorney
- ☐ Petition for Extension of Time and Check No. in the amount of \$
- ☐ Petition
- ☐ Fee Transmittal Form
- ☐ Certified Copy of Priority Document(s)
- ☐ Assignment Papers (for an Application)

- ☐ Terminal Disclaimer
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Remarks

The Commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application.

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## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Trent N. Butcher, P.E.	Registration No. 51,518
Signature		
Date	March 18, 2004	

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